

# ARCO-NAV WIND SENSOR



The classical combined sensor ...

for off-shore applications. The robust design made from seawaterresistent materials and additional special coating guarantees high reliability and error-free long time use. The measured wind values will be given as NMEA-protocol serially every minute. Both under extreme weather conditions and on the high seas and applications close to the sea this sensor is the first choice.

- approved combined sensor design for universal use
- special coating for error-free long time use
- best material quality and precision for low start-up values and wide measuring range
- wear-free data collection for high accuracy and resolution of the measuring values
- serial interface with NMEA 0183 protocol

## APPLICATIONS

- professional naval meteorology
- ship meteorology
- coastal surveillance
- crane systems
- buoys
- offshore wind turbines
- other offshore applications as well as robust industrial applications

Professional Line	ARCO-NAV Wind sensor
Id-No.	00.14581.110010
Meas. range wind direction	0...360°
Meas. range wind speed	0.3 ... 75 m/s
Accuracy wind direction	± 1°
Accuracy wind speed	± 2 % FS at 0.3 ... 50 m/s
Resolution wind direction	1°
Resolution wind speed	< 0.1 m/s
Output	serial RS 422, NMEA 0183 - Talker
Range of application	temperature -30 ... +70 °C • wind speed 0...80 m/s • 0...10 % r. h.
Supply voltage	Sensor: (10...28 V DC), 24 V DC, 50 mA (at V DC) • Heating: (20 ...28 V DC), 24 V DC, 800 mA
Housing	made of anodized seawater resistant aluminium, stainless steel • white coated

As of: 19.01.2020